

Title (en)
NASAL PATIENT INTERFACE ARRANGEMENT, BREATHING APPARATUS, AND METHOD FOR OPERATING A BREATHING APPARATUS

Title (de)
NASALE PATIENTENSCHNITTSTELLENANORDNUNG, BEATMUNGSVORRICHTUNG UND VERFAHREN ZUM BETRIEB EINER BEATMUNGSVORRICHTUNG

Title (fr)
SYSTÈME D'INTERFACE NASALE AVEC UN PATIENT, APPAREIL DE RESPIRATION, ET PROCÉDÉ DE FONCTIONNEMENT D'UN APPAREIL DE RESPIRATION

Publication
EP 3638350 A1 20200422 (EN)

Application
EP 18733360 A 20180608

Priority
• SE 1750747 A 20170613
• SE 2018050597 W 20180608

Abstract (en)
[origin: WO2018231128A1] The present disclosure relates to a nasal patient interface arrangement (100) for transporting breathing gas from a pressurised gas supply (111) to a patient (190). The arrangement (100) is adapted to provide a first bidirectional gas passage (130) in contact with ambient air (170) and adapted to receive nasally expired air. The arrangement (100) comprises an inspiratory air conduit (150) for connection to a pneumatic unit (110). The arrangement (100) further comprises a nose adapter (120) for bidirectional gas transport. The nose adapter (120) is arranged to be connected to a patient's (190) nose (199). The arrangement further comprises a valve arrangement (140) for controlling the passage of gas through the first bidirectional gas passage (130). The arrangement (100) is adapted to provide a second bidirectional gas passage (160) which is connected to the inspiratory air conduit (150), to the nose adapter (120), and to the first gas passage (130). The valve arrangement (140) is substantially enclosed in the first bidirectional gas passage (130). The present disclosure also relates to a breathing apparatus (200) and to a method for operating a breathing apparatus.

IPC 8 full level
A61M 16/06 (2006.01); **A61M 16/20** (2006.01)

CPC (source: EP US)
A61M 16/0666 (2013.01 - EP US); **A61M 16/0683** (2013.01 - US); **A61M 16/0875** (2013.01 - US); **A61M 16/20** (2013.01 - EP); **A61M 16/201** (2014.02 - US); **A61M 16/0672** (2014.02 - EP); **A61M 16/0683** (2013.01 - EP); **A61M 16/0858** (2014.02 - EP); **A61M 16/0875** (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2018231128 A1 20181220; CN 110740774 A 20200131; CN 110740774 B 20230317; EP 3638350 A1 20200422; EP 3638350 B1 20221026; ES 2935720 T3 20230309; US 11771860 B2 20231003; US 2020206448 A1 20200702

DOCDB simple family (application)
SE 2018050597 W 20180608; CN 201880038692 A 20180608; EP 18733360 A 20180608; ES 18733360 T 20180608; US 201816611757 A 20180608